[redacted]

50X1-HUM

Country : GERMANY (SOVIET ZONE)

Subject : Electric Power Output in 1950, and Planned 1951 Output.

[redacted]

50X1-HUM

GERMANY (SOVIET ZONE)

ECONOMIC

ELECTRIC POWER OUTPUT IN 1950, AND PLANNED 1951 OUTPUT.

The total DDR (excluding SAGs) electric power output for the year 1950 amounted to 19.691 milliards KwH. The five year plan lays down a target figure of an output for 1951 of 21.0 milliards KwH. In May 1951 the DDR power stations were being run at maximum capacity for approx. 21 hours per day, i.e. more than 7,500 hours per annum. Maximum output during the winter months 1950/51 amounted to 3,000 MW, but by May 51 this figure had dropped to 2,700 MW as a result of routine repairs then under way.

SECRET CONTROL

(5)

50X1-HUM

Country : GERMANY (RUSSIAN ZONE)/POLAND

Subject : ENERGIEBEZIRK MITTE, DDR, SITREP.

Remarks :

SECRET CONTROL

50X1-HUM

50X1-HUM

GERMANY (SOVIET ZONE)/POLAND.

ECONOMIC.

ENERGIEBEZIRK MITTE, DDR, SITREP. (MID-JUNE 1951).

1. New projects under consideration.

The following new projects are now under consideration for early execution in Energiebezirk (EB) Mitte, (covering Land BRANDENBURG):-

(a) The electrification of the BERLIN S-Bahn line out to NAUEN. It is estimated that this extension will require an increase in electric output capacity of 3 Mw.

(b) Extensions to "Transradio", NAUEN. This extension is planned to require an increased capacity of 4 Mw.

(c) A new HT 220kV cable link from MAGDEBURG to the PERLEBERG area.

(d) The building of a new 90 Mw power station at HAVELBERG. This project is an old one which was often considered by the former Märkische Elektrizitäts Werke (MEW), but which was never executed. Plans for this power station therefore already exist.

2. Eisenhütten Kombinat Ost (EHKO), FUERSTENBERG.

Six transformers of 20 MVA each have been ordered at KOCH & STERZEL, DRESDEN, for the new EHKO, FUERSTENBERG. In order to cater for this plant's most immediate needs, one transformer, intended for the new FINOW power station where the new boiler was due to increase the output by 10 Mw up to a total of 31 Mw, a water-cooled one of 16 MVA and 100/50 kV is to be sent to EHKO, FUERSTENBERG from STRAUSSBERG.

3. Transformatorenwerk, OBERSCHOENEWEIDE.

One new 100 MVA transformer built at this plant on reparation account was damaged by partisan activity whilst passing through POLAND (believed to have been in the RADOM area). The boiler walls of 10 mm thickness were shot through by bullets and the core and coils were damaged. As a result of this action, the second transformer, ordered to the same specifications, had to be finished ahead of schedule, and broke down under test. A special commission of enquiry has been appointed to investigate the break-down.

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[redacted]

50X1-HUM

Country : GERMANY (SOVIET ZONE)

Subject : DDR BOILER PRODUCTION SITREP (June 51).

SECRET CONTROL (6)

GERMANY (SOVIET ZONE).

ECONOMIC.

50X1-HUM

DDR BOILER PRODUCTION SITREP. (JUNE 51).

1. Progress on BERGMANN-BORSIG, BERLIN-WILHELMSRUH, boiler orders:

The following progress on boiler orders in hand at this plant is reported:

a) The boiler for VEB RODLEBEN (former DOEHME Fett Chemie Plant) is now being erected at the plant. Only a few minor parts are still missing, but these are expected within a week.

b) The boiler for VEB TREBSEN (Zellstoff) will be ready for eredtion in July 51.

c) The boiler for LEIPZIG Nord power station will be ready for erection in Sept.51.

d) The boiler for BRAMOW power station has now been erected and should be ready for trials in July 51.

e) Work on the erection of the boiler for FINOW power station has been completed and trials are due to take place in late June 51.

f) The erection of the boiler for LAUTA power station has not yet been started.

g) The material for the boilers for FINOW and LAUTA power stations was salvaged from the 5 "STEINMUELLER" boilers dismantled at FINDENHEERD power station. 2 boiler drums for the FINOW boiler were supplied by Messrs. STEINMUELLER, GUMMERSBACH, Federal Germany, officially under the Inter-Zonal trade agreement and cost DM 10,000 "Exchange Units".

2. Eisenhuetten Kombinat West (EHKW), CALBE/Saale:

It has been decided to build a new power station for this new steel works at CALBE. Although no final turbine and generator data has been decided upon yet, plans are under way for three boilers of 64t/h, 42 at, and 450°C each. These boiler requirements would suffice to meet the demands for turbine-generator sets producing 50 MW.

3. Information on boiler orders received by EKM:

a) VEB NEUMARK, boiler works, NEUMARK, is now working on an order for three new boilers for RUMMELSBURG power station, East BERLIN, of the following specifications: 40t/h, 15.5 at., 375°C. The following dates for completed erections have been scheduled for this order: Boiler No: 1 by 1 July 51; Boiler No: 2 by 1 Aug.51 and Boiler No:3 by 1 Sept.51.

b) The 25 small boilers on order as reparation delivery to the U.S.S.R. will be built by the following plants:

BERGMANN-BORSIG, BERLIN-WILHELMSRUH:	7 boilers.
VEB HOHENTURM:	13 boilers.
Messrs. Moritz JAHR, GERA:	5 boilers.

c) BERGMANN-BORSIG, BERLIN-WILHELMSRUH, have been selected by EKM to build the following boilers:

(i) 1 boiler 25 t/h, 25 at., 425°C for POTSDAM power station. This power station at present lacks boiler capacity in order to be able to utilise its full turbine-generator installations.

(ii) 1 boiler 25 t/h, 42 at., 450° transformer works, BERLIN-OBERSCHOENEWEIDE

SECRET CONTROL

(iii) 2 boilers 2 t/h, 26 at., 400°C each for SIDOL works, WITTENBERG.

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over

(6)

(iv) 1 boiler 10 t/h, 42 at., 450°C for AWTO-VELO, SUHL (formerly SIMSON works).

d) EKM HALLE, have allocated the order for the one projected boiler for VEB PREMNITZ, artificial silk factory, to VEB OSCHATZ, MEERANE.

e) EKM, HALLE, have allocated the orders for KULKWITZ (lignite mine) power station (1 boiler 60 t/h, 42 at., 440°C) and for GROSS KAYNA (lignite mine) power station (1 boiler 60 t/h, 17 at., 370°C) to VEB HOHENTURM for execution.

4. Further new boilers now projected by VVB EKM, HALLE:

Plans are now being drawn up for the following boilers by VVB EKM, HALLE, although no definite orders have so far been received for them yet:

a) VEB RODLEBEN - 1 additional boiler to the one now being built at BERGMANN-BORSIG, BERLIN-WILHELMSRUH, to be built in 1952 to the following specifications: 40 t/h, 42 at., 450°C.

b) Oel- und Fettwerke, MAGDEBURG and WITTENBERG/Elbe, 1 boiler each of the following specifications: 20 t/h, 42 at., 450°C.

c) VEB "ABUS", WILDAU, 4 boilers of the following specifications: 20 t/h, 42 at., 450°C, and 3 boilers of these specifications: 25 t/h, 20 at., 380°C.

d) GATERSLEBEN sugar factory two boilers of the following specifications: 12.5 t/h, 26 at., 350°C, with raw lignite fuelling.

e) Kombinat DEUBEN one boiler of the following technical specifications: 100 t/h, 99 at., 500°C.

f) ZSCHORNEWITZ power station 8 boilers of the following specifications: 160 t/h, 132 at., 500°C.

5. Orders for boilers from Orbit Countries:

a) The 10 boilers ordered by Hungary were to have been ready for trials between Aug.1952 and Dec.1953. BERGMANN-BORSIG, BERLIN-WILHELMSRUH, were notified by VVB EKM, HALLE, on 14 June 51, that owing to the inability of Hungary to supply its own raw materials of suitable quality at present, the above target dates had been put back by six months.

b) The order received by VVB EKM, HALLE, from Poland for 2 boilers to be erected at AUSCHWITZ power station has now been transferred for execution from BERGMANN-BORSIG, BERLIN-WILHEMSRUH to VEB OSCHATZ, MEERANE.

[redacted]

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[redacted]

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Country : GERMANY (SOVIET ZONE)

Subject : SIEMENS PLANIA (S.A.G. KABEL):Capacity, Production and Distribution Statistics.

[redacted]

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GERMANY (Soviet Zone)

SECRET CONTROL
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ECONOMIC

SIEMENS PLANIA (S.A.G. Kabel): Capacity, Production and Distribution Statistics

1. Capacity

The present maximum capacity per day of electrode plants I and II is:

a) From the small press - 25 tons graphite electrodes.

b) From the large press - 60 tons of carbon or graphite electrodes

c) From the stamping-machine (Stampfer) - 50 tons carbon-mass.

Total 135 tons

Actual daily output is running at 100 - 110 tons, of which 50 - 55% consists of graphite electrodes. Approximately 30,000 tons of electrodes were manufactured in 1950. The planned 1951 output is 38 - 40,000 tons, of which 4,000 tons of graphite electrodes are destined for the Chinese Peoples' Republic.

2. Production and Distribution of the Electrode Plant in 2nd Quarter 1951 (tons)

Carbon Electrodes

PIESTERITZ	1,600
SPREMBERG	160
"	80
HIRSCHFELDE	90
"	30
FALKENAU	220
UNGARN	900
(Rillenkohlen)	
HIRSCHFELDE (Nippel)	70
METALIMPEX (Budapest)	170
SIEMENS, Zürich	45
ZSCHORNEWITZ	270
PIESTERITZ	90
	3,725

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SECRET CONTROL
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Graphite Electrodes cont.

(Brought forward		1032)
CHINA		550
JAHN STAHLWERK, Leipzig LAUCHHAMMER FINNOW KRUPP-GRUSON	....	209
WETTERZEUBE		6
THALE		10
CHINA		550
		2357

Carbon Electrodes (Small Press)

SIEMENS, Zürich	150
BUNA	75
BITTERFELD	7
LIPPENDORF	1
	233

Electrode Nipples 200

Special Orders

MEYER & WEICHELT FINOW POLTE	.....	100

"Bodenstampfmasse":

BITTERFELD	235
FÜRSTENBERG	120
HIRSCHFELDE	40
UNGARN	60
SPREMBERG	120
CHEMOLIMEX	400
	975

Total Output in 2nd Quarter '51 approx. 8337

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3. Exports during 1950 and Jan - April 1951 inclusive.

a) 1950

	Item	Value (DM Ost)
BULGARIA	Silicon Heating Rods	1,320
	Carbon pencils	53,937
POLAND	Silicon Heating Rods	235,119
	Carbon brushes	493,880
	Graphite electrodes	310,301
	(147.99 tons)	
	Electro-furnaces/ovens ..	2,272,652
RUMANIA	Silicon Heating Rods	77,072
	Carbon brushes	122,966
	Carbon pencils	39,342
	Electro-furnaces/ovens ...	10,820
CZECHOSLOVAKIA	Silicon Heating Rods	191,584
	Carbon brushes	58,997
	Carbon pencils	573,900
	Graphite electrodes	1,067,913
	(104.640 tons)	
	Carbon electrodes	7,688
U.S.S.R.	Silicon Heating Rods	2,211,982
	Carbon brushes	1,485,300
	Carbon pencils	31,798
		3,729,080
HUNGARY	Silicon Heating Rods	92,950
	Carbon pencils	69,212
	Carbon electrodes	347,010
	(674.16 tons)	
	Graphite electrodes	102,979
	(48.45 tons)	

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b) 1951: Jan - April inclusive

	DM (Ost)
BULGARIA	17,863
POLAND	1,329,016
RUMANIA	338,098
CZECHOSLOVAKIA	883,159
U.S.S.R.	1,226,496
HUNGARY	732,480
CHINA (only graphite electrodes)	968,544
	5,645,408

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9257

50X1-HUM

Country : GERMANY (SOVIET ZONE)

Subject : Steel Plant Sitrep (18th/21st June 1951).

Remarks : 1. [redacted] you will note that the plans for the coke ovens at EHKO Fuerstenberg have been considerably changed. The plans themselves have now apparently been obtained from Poland and not from Western Germany. The intention to build very large (1,000 ton) blast furnaces would seem of particular interest. 50X1-HUM

2. [redacted] planning was progressing well and that preliminary work on the site had commenced.

[redacted]

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(9)

GERMANY (SOVIET ZONE)

ECONOMIC

SECRET CONTROL
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Steel Plant Sitrep (18th/21st June 1951)

1. Eisenhütten Kombinat Ost (EHKO), FUERSTENBERG.

a) The schedule for the erection of the complete blast furnace section of this plant is at present being reviewed by HV Metallurgie, Ministry of Heavy Industry, DDR, BERLIN. It is hoped that this review will lead to a time saving of at least one year, if not eighteen months, on the erection of this section of the plant, so that furnace No. 10 will be finished and in operation in late 1953.

b) One quarter of the interior lining of blast furnace No. 1 was completed by mid-Jun 51. The outer steel lining of blast furnace No. 2 was under erection in mid-Jun 51, together with the air pre-heater for that furnace. Blast furnaces Nos. 3-8 at this plant are now being planned to have a capacity of 1,000 to each. Minister of Heavy Industry, DDR, Fritz SELBMANN, has personally been concerned with these plan alterations and hopes that improved Upper Silesian coal qualities for blast furnace coke, which he hopes to be able to import from Poland, will enable the successful operation of these very large blast furnaces. The ore bunkers are at present being finished off with concrete and work has commenced on the pumping station, as well as on the erection of a 120 mtr.chimney for the sinter processing plant.

c) A total of 16 coke oven batteries of 45 chambers each are now to be built at this plant by 1953. The first two of them are to be completed by the end of 1951 if possible. The plans required for these coke ovens have been obtained by the HV Metallurgie, Ministry of Heavy Industry, DDR, from the relevant Ministry in Poland. They are of the "OTTO" type and are believed to have fallen into Polish hands in Upper Silesia. On completion, these 16 batteries will require a daily amount of 9,000 to. of hard coal producing approx. 5,000 to. of blast furnace coke and 1,250 to. of other coke which cannot be used for that purpose.

2. VEB Maxhütte, UNTERWELLENBORN.

One new 1,000 to. mixer is to be built at this plant. One new 60 to. "Niederschacht" furnace is to be started in July 1951 to replace the one now being tested. A few minor alterations are to be made to it but in general it will be an exact copy of the first one, which is to be pulled down simultaneously. This new furnace will use the same air pre-heater used by the earlier one. Lack of crude iron has reduced this plant's rolling mill output for May 1951 to only 30,000 to., as against the target figure of 44,000 to.

This plant is no longer permitted to take on any new workmen. Work on the new Thomas steel section due to be built at this plant was suspended in June 1951. The pressing section at this VEB, for which one new tempering furnace ("Glühofen") was under construction and already 75% completed, is to be transferred to SAG DKW, LEIPZIG.

3. Zentrales Konstruktionsbüro, LEIPZIG.

This newly set up branch office of the ZKB, BERLIN, under Dr. BAAKE, fnu, is to concentrate on the final development of the "NIEDERSCHACHT" furnace at Maxhutte, UNTERWELLENBORN, in a purely supervisory capacity, though with full responsibility for it. In addition, this office has been set the task of developing the "Strangguss" process so that this coal saving production method can be introduced in the DDR.

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4. VEB HENNINGSDORF.

9.

4. VEB HENNINGSDORF.

a) The No. 1 five ton electro-furnace now being built at this plant was almost finished in Mid-June 51.

b) The generator for the foundry steel tempering section was completed in early June 51, although this section is at present for lack of more appropriate orders employed on tempering ball bearing casings.

5. VEB RIESA

The No. 9 Siemens-Martin steel furnace now under construction at this plant was almost finished by early June 51.

6. VEB OLBERNHAU

This plant is at present engaged on modernising its entire "Feinblech" furnace and oven installations and changing over to the rolling of "Trafo" and "Tiefzieh" sheet steel.

7. VEB DOEHLEN

The final detailed plans for the building of a high grade steel plant at this VEB have now been completed by the ZKB and approved by the HV Metallurgie, Ministry of Heavy Industry, DDR.

8. VEB ILSENBURG

The "Glühofen" at this plant which is at present used for the production of ordinary standard types of sheet steel has been found unsuitable for the production of higher grades of sheet steel. Furnace exports are at present engaged on investigating this problem, which may be caused by the fact that this particular furnace is fuelled by brown coal dust. This plant has now been instructed to commence rolling 20 mm sheet steel for boilers.

9. VEB BRANDENBURG

The No. 7 Siemens-Martin steel furnace at this plant was completed on 3rd June 1951 and commenced operating that day.

10. VEB SCHMALKALDEN

A swage smithy, which is to provide all DDR machine tool plants with their requirements, is now being built at this VEB Part production is scheduled to commence by late 1951 and the entire smithy is to be finished by late 1952. It is hoped that this new plant will help to reduce the dependancy of the DDR on such deliveries from the Federal German Republic.

11. Control of Steel Quality.

Minister of Heavy Industry, DDR, Fritz SELBMANN, has on his return from Poland in early June 1951 appointed Prof. MAURER, fnu, of the steel research institute HENNINGSDORF, chief controller of quality of the entire DDR steel production. Prof. MAURER was instructed by the Minister to devote his special attention to the quality of Sicromal, turbine blade steel, boiler sheet steel and tool steel.

12. SKODA Works, PILSEN.

This large Czech steel plant was visited in May 51 by CLEMENS, (fnu), deputy head of the ZKB, BERLIN, and his assistant, VIZENENZ, (FNU). The purpose of this visit was an investigation of the possibilities of obtaining rolling mill plant machinery and accessories for the DDR from the SKODA works. Much to the surprise of both Germans, the works management agreed to supply all the plant they requested by 1952-53, which are:-

(a) one cooling

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SECRET CONTROL
U. S. OFFICIALS ONLY

(a) one cooling bed for the "Feinstrasse" at VEB HENNINGSDORF

(b) all the rolling mill machinery for VEB DOEHLEN as scheduled for this new high grade steel plant. (Details not given)

(c) one sheet billet rolling mill for VEB BRANDENBURG.

(All these are to be electro-operated).

The SKODA Works furthermore agreed to supply all the ancillary machinery for the above listed plant.

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Next 5 Page(s) In Document Denied

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50X1-HUM

Country: GERMANY (SOVIET ZONE)

Subject: Construction of Portable Bridging Equipment

50X1-HUM

Remarks: 1. [redacted]

(a) There would appear to be little doubt that this equipment is designed for the use of the Soviet Forces. In view of Col. PRPOV's interest in this work, we are surprised that the equipment should be sent to the U.S.S.R. on reparations account, [redacted]

(b) Para. 3: It is not quite clear whether these aluminium alloy sections are rolled at Brandenburg or at the Berliner Stahlbau. 50X1-HUM

[redacted]

50X1-HUM

[redacted]

50X1-HUM

[redacted]

50X1-HUM

CONTROL

GERMANY (SOVIET ZONE).

ECONOMIC/MILITARY.

CONSTRUCTION OF PORTABLE BRIDGING EQUIPMENT.

1. VEB Berliner Stahlbau (VVB Abus), which employs 2,800 workmen, is engaged on the production of steel bridges having a 109.2 metre span, and stressed to carry a "G" (goods train) load. The structures are bolted, not rivetted and the base rails have rollers. They are despatched in parts on 4-axle waggons to the U.S.S.R. The work is supervised by Colonel POPOV.

50X1-HUM

[redacted] Comment): A Lieut-Col.POPOV is Head of the SKK Dept. responsible for placing orders for the Soviet Armed Forces in Germany (GSOW).

2. Nine such bridges were produced on reparations account in 1949 and seven in 1950. Only five are to be sent to the U.S.S.R. in 1951, as the Russians have agreed that the plant shall also work on the repair and reconstruction of railway bridges in the DDR.

3. Aluminium alloy sections were due to arrive in May 1951 from Stahl u.Walzwerk, Brandenburg. These are for the construction of bridges similar to the above. Special drills for use with these sections have already arrived at the plant, which is being extended to accomodate a rolling mill from Stahl u.Walzwerk, Brandenburg. With effect from 1st June, the plant was to be re-named Stahl u.Walzwerk Brandenburg, Zweigniederlassung Berlin.

SECRET CONTROL

[redacted]

50X1-HUM

9257

SECRET CONTROL

[redacted]

50X1-HUM

Country : GERMANY (RUSSIAN ZONE)/U.S.S.R.

(4)

Subject : Commodities despatched by DERUTRA, BERLIN, to the USSR.

Remarks : Item 4: We suggest that these might be for the ground control apparatus for radiosondes for the Russian State Hydro-Meteorological Service. If this is so, ...FLOSCHBA should read..... SLUSCHBA.

SECRET CONTROL

[redacted]

50X1-HUM

(4)

Commodities Dispatched by Derutra, BERLIN, to the U.S.S.R. 1.3.51 - 27.4.51.

50X1-HUM

	Article	Quantity or Weight and Break of Bulk	Consigner or Place of Origin	Consignee or Destination	Route and Special Instructions					Date of Dispatch
1	Milk Centrifuges	2 lots: 69.-- tons 68.-- tons	POLYSIUS-WERK, DESSAU.	Technopromim-port.	Rail to STETTIN: ship to LENINGRAD	-	-	-	-	Ready on 1.3.51.
2	Milk Centrifuges Type MZK3	16.234 tons 2 wagons.	KYFFHAEUSER-HUETTE, ARTERN/Sachsen-Anhalt.	Technopromim-port, MOSCOW	-	-	-	-	-	Ready on 9.3.51.
3	Underwater pumps in anti-magnetic centrifugal cast housings. (Unterwasser-pumpen in anti-magnetischem Schlenderguss-Gehaeusen).	50 tons	PUMPENFABRIK, OSCHERSLEBEN	Maschinoim-port, MOSCOW	According to special advice from MOSCOW, these special pumps must be shipped to LENINGRAD. The Pumpen-fabrik asks for an escort for them to ROSTOCK.	-	-	-	-	Ready on 9.3.51.
4	Goniometer sets	5 cases	SAG AWTOWELO, Technisches Kontor, BERLIN-LICHTENBERG.	HYDROMETRO-FLOSCHBA, MOSCOW, PAWLIKA MAROSSOOWA NO.12.	via BREST-CHABINKA	-	-	-	-	4.3.51.
5	Underwater motor pumps	25.635 tons	ODENSE PUMPEN-FABRIK, OSCHERSLEBEN.	Maschinoim-port, MOSCOW.	via CHABINKA-BREST		-	-	-	9.4.51.
6	(a) Electrolytic copper cathodes. (b) 99.99% pure zinc.	(a) 11.985 tons (b) 6.715 tons	-	Promsyrioim-port, MOSCOW	Air		-	-	-	-
7	Sheet nickel (Nickel-Bleche) Both sides highly polished.	1,056,348 kgs.	SAG HETTSTEDT	Maschinoim-port, MOSCOW	Rail via CHABINKA		-	-	-	18.4.51.
8	Compressors, under water pumps and rapid air extracting pumps.	119.514 tons 15 wagons	Pumpenfabrik JAEGER & CO., LEIPZIG.	Maschinoim-port, MOSCOW	Transport to have police escort and to be for-warded through DERUTRA, DRESDEN.		-	-	-	17.4.51.
	Turbine fans (Gebläse)	20.468 tons 2 wags	Pumpenfabrik-							

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	Article	Quantity or Weight and Break of Bulk	Consigner or Place of Origin	Consignee or Destination	Route and Special Instructions					Date of Dispatch (4)
10	Optical measuring instruments, optical caliber gauges (kaliber-lehren), measuring clocks, optical flow meters for liquids (optische Durchlaufmesser f. Flüssigkeiten).	12.459 tons	Carl ZEISS,JENA	Maschinoim-port, MOSCOW.	By air via BERLIN-SCHOENEFELD. Consigned on the orders of TIShchENKO, SEK, BERLIN-KARLSHORST	-	-	-	-	27.4.51.
11	Sheet brass, highly polished on both sides.	12.320 tons	SAG HETTSTEDT	Maschinoim-port, MOSCOW.	via CHABINKA	-	-	-	-	23.4.51
12	Nickled sheet brass, highly polished.	18.682 tons	" "	"	" " "	-	-	-	-	23.4.51.
13	Sheet brass, nickled on both sides, highly polished.	47.890 tons	" "	"	" " "	-	-	-	-	24.4.51.
14	Sheet brass, nickled, then polished.	4.680 tons	" "	"	" " "	-	-	-	-	27.4.51.
15	Sheet brass, nickled on both sides and then polished.	1.420 tons	" "	"	" " "	-	-	-	-	18.4.51.
16	?(Messingronden)	78.450 tons	" "	"	" " "	-	-	-	-	20.4.51.
17	?(Messing-Streifenrahmen)	112.000 tons	" "	"	" " "	-	-	-	-	20.4.51.
18	Sheet brass, nickled and polished.	0.548 tons	" "	"	" " "	-	-	-	-	27.4.51.
19	Theophylline	0.575 tons (5 cases)								